

APPENDIX C-5

APPLICATION OF HARRINGTON *ET AL.* CLAIMS TO THE  
DISCLOSURE OF HARRINGTON *ET AL.* APPLICATION 09/276,820

Harrington *et al.* Claim 271

Harrington *et al.* Disclosure

A method to activate expression of an endogenous gene in an isolated eukaryotic cell comprising	Abstract 10:1 10:15-29 45:24-25 53:8-11, 17-19 54:24-25
introducing a vector construct into said isolated eukaryotic cell,	Figures 1-4 14:28-30 42:23-24 53:17-19 56:8-24
said vector construct comprising in operable combination	Figures 1-4 6:18-20 37:8-19 38:20-40:25 46:25 47:17-48:2
1) a promoter;	45:11-13
2) an exon sequence located 3' from and expressed by said promoter	Figures 1-4 37:8-19 38:20-40:25 46:25 47:18-19
said exon being derived from a naturally occurring eukaryotic gene	46:25-26
and not being a screenable marker gene; and	47:8-10 48:9-12 49:6-21 50:3-5

3) a splice donor sequence defining the 3' region of said exon	47:10-11
said splice donor sequence being derived from a naturally-occurring eukaryotic gene;	48:13-18
wherein said vector construct is non-homologously incorporated into the genome of a said isolated eukaryotic cell	30:21-31:5 34:10-13 48:21-23
and said splice donor sequence of the transcript encoded by said exon is spliced to a splice acceptor sequence of said endogenous gene.	48:19-27